

Product Model: PPTC

Model: SMD0805HR035

Electrical Characteristics

Product Model	I _H (A)	I _T (A)	P _d _{typ} (W)	V _{max} (V)	I _{max} (A)	T _{trip}		R _{min} (Ω)	R _{1max} (Ω)
						(A)	(S)		
SMD0805HR035	0.35	0.75	0.5	16	100	8.0	0.10	0.250	1.200

I_H = Hold current : maximum current at which the device will not trip at 25°C still air.

I_T = Trip current: minimum current at which the device will always trip at 25°C still air.

V_{max}=Interrupt voltage device can withstand without damage at rated current.

I_{max} = Maximum fault current device can withstand without damage at rated voltage.

T_{trip}=Maximum time to trip(s) at assigned current.

R_{min} = the smallest zero power resistance under the ambient temperature of 25°C.

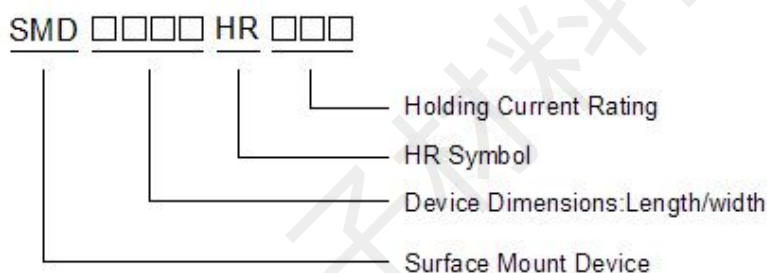
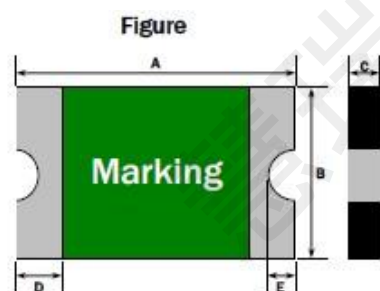
R_{1max} =Maximum device resistance one hour after it is tripped at 25°C.

Thermal Derating chart-IH (A)

Product Model	Ambient temperature (°C)								
	-40	-20	0	25	40	50	60	70	85
SMD0805HR035	0.47	0.44	0.39	0.35	0.30	0.27	0.24	0.20	0.14

Product Dimensions (mm)

Product Model	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
SMD0805HR035	2.00	2.20	1.20	1.50	0.45	0.75	0.20	0.55	0.05	0.45



Package Information

Recommended pad size (mm)				
Product Model	A (Nominal)	B (Nominal)	C (Nominal)	Packing Quantity
SMD0805HR035	1.50	1.00	1.20	4000

